R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-16542.1***

Date: ***July 6, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Window	**Mullions**	**Wincore Window Company, LLC** **250 Staunton Avenue** **Parkersburg, WV 26104** **(304) 485-7460**	**TMP-2603** **Extruded Aluminum** **Vertical Clipped Mullion**

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Wincore Window Company, LLC based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone".
2. When used in areas requiring wind borne debris protection, this product (if mulled together with impact rated windows) complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure and be reviewed by the Building Official.
4. Separate product approvals for each glazing product used with these mullions must be submitted along with this mullion product approval. The design pressure rating of the assembly shall be the lesser of the load capacity of the mullion as specified using this approval or the design pressure rating of the individual glazing products used.
5. Anchoring of each glazing product to the mullion shall be as shown in this drawing or as shown in each individual glazing product approval, whichever is more stringent.
6. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
7. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
8. See drawing FL-16542.1 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	**Test Standard**	**Test Laboratory**	**Signed & Sealed by**
TEL 02800690	ASTM E1886-05/1996-06	Testing Evaluation Lab.,Inc.	V. K. Wright
TEL 02800691	ASTM E330-02	Testing Evaluation Lab.,Inc.	V. K. Wright
TEL 02801020	AAMA 450-10	Testing Evaluation Lab.,Inc.	V. K. Wright
TEL 02801021	ASTM E1886-05/1996-06	Testing Evaluation Lab.,Inc.	V. K. Wright

2.

Drawing No.	**Prepared by**	**Signed & Sealed by**
No. FL-16542.1	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

3.

Calculations	**Prepared by**	**Signed & Sealed by**
Anchoring	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.
Mullions (per FBC 1709.8 & R609.8)	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

4. **Quality Assurance**
   Certificate of Participation issued by National Accreditation and Management Institute, certifying that Wincore Window Company, LLC is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.07.06 14:24:24 -04'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by **L. F. Schmidt** on **7-6-23**.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA